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Attorney Docket No. T9479.B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Raymond F. GESTELAND)
et al.)
TITLE: FINDING ACTIVE)
ANTISENSE)
OLIGONUCLEOTIDES USING)
ARTIFICIAL NEURAL)
NETWORKS)
SERIAL NO.: 10/050,888)
FILED: January 14, 2002)
EXAMINER: _____)
ART UNIT: 1623)

RESPONSE TO NOTICE TO
FILE MISSING PARTS OF
NONPROVISIONAL
APPLICATION

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of
Nonprovisional Application mailed February 22, 2002, applicant
responds as follows:

 X Small Entity Status is hereby claimed.

 Pursuant to 37 C.F.R. 1.136(a), it is respectfully
requested that the shortened statutory period which
was set for responding to the communication dated

Certificate of Deposit Under 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Box Missing Parts, Assistant Commissioner for Patents, Washington, D.C. 20231, on the 22nd day of April, 2002.



Alan J. Howarth
Attorney Registration No. 36,553

[date of mailing], be extended for **[number mos.]** months until ***[date]***.

Please find enclosed herewith the following items for filing in the United States Patent and Trademark Office in connection with the above-identified patent application:

- i. Declaration and Petition executed by the inventors Raymond F. Gesteland, John F. Atkins, Olga V. Matveeva, and Michael C. Giddings;
- ii. Power of Attorney executed by Raymond F. Gesteland, President of Assignee University of Utah Research Foundation;
- iii. Assignment from the inventors Raymond F. Gesteland, John F. Atkins, Olga V. Matveeva, and Michael C. Giddings to the University of Utah;
- iv. Assignment from the University of Utah to the University of Utah Research Foundation;
- v. A Certificate under 37 C.F.R. § 3.73(b) to Establish Right of Assignee to Take Action;

- vi. Compliant "Sequence Listing" and computer readable form of "Sequence Listing". The contents of the paper copy and the computer readable form of the Sequence Listing are the same;
- vii. Copy of the Notice to File Missing Parts of Application-Filing Date Granted;
- viii. Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97, with Form PTO-1449 and references;
- ix. The Commissioner is hereby authorized to charge Deposit Account No. 50-1977 to cover the filing fee for the above-identified application, the recordation fees for the enclosed patent assignments, and the surcharge fee pursuant to 37

C.F.R. § 1.16(e). These fees have been calculated
as follows:

Basic filing fee for a Small Entity	= \$370.00
44 Claims in excess of 20 (x \$9)	= \$396.00
Assignment recordation fee (2 x \$40.00)	= \$ 80.00
Surcharge fee for a Small Entity	= \$ 65.00
TOTAL = \$911.00	

Please debit any additional fees, or credit any overpayment,
to Deposit Account No. 50-1977.

The Commissioner is hereby authorized to charge payment of the
following fees associated with this communication or to credit any
overpayment to Deposit Account No. 50-1977.

- ☒ Any additional filing fees required under 37 C.F.R. §
1.16.
- ☒ Any patent application processing fees under 37 C.F.R.
§ 1.17.

The Commissioner is hereby authorized to charge payment of the
following fees during the pendency of this application or credit
any overpayment to Deposit Account No. 50-1977.

- ☒ Any patent application processing fees under 37 C.F.R.
§ 1.17.
- ☐ The issue fee set in 37 C.F.R. § 1.18 at or before
mailing of the Notice of Allowance, pursuant to 37
C.F.R. 1.311(b).
- ☒ Any filing fees under 37 C.F.R. § 1.16 for presentation
of extra claims.

Please direct all future correspondence in connection with this application to:

Customer No. 20450

Please direct all telephonic and facsimile communications to:

Alan J. Howarth

Telephone: (801) 255-5335

Facsimile: (801) 255-5338

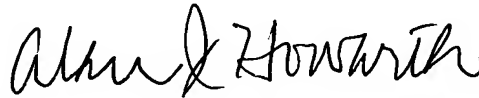
Please reference the below provided attorney docket number in all communications:

T9479.B

Please address all future correspondence in connection with this case to the attention of the undersigned.

Dated this 22nd day of April, 2002.

Respectfully submitted,



Alan J. Howarth

Attorney Registration No. 36,553

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WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/050,888	01/14/2002	Raymond F. Gesteland	T9479.B

CONFIRMATION NO. 5912

20450
ALAN J HOWARTH
PO BOX 1909
SANDY, UT 84091

FORMALITIES LETTER



OC000000007517015

12/18/2003 YGIZAW 00000005 501977 10050888

Date Mailed: 02/22/2002

01 FC:2001 370.00 DA
02 FC:2202 396.00 DA
03 FC:2051 65.00 DA

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$792.
 - \$792 for 44 total claims over 20.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1662.**
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600

- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE